



PO No	Supplier	Line Item No	Ref No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due
PO039971	TWM001-VU	1	1	Net 30	M304TS0.500W.049	Square Tubing : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH				200	6/7/2018	201		S078000	Stock	6/5/2018	\$ 1.60 / ft	0	
										Total:	200		201						

Plex 6/5/2018 10:13 AM Dart.Dubois.Pascal



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

## PURCHASE ORDER PO039971

E-MAILED  
MAY 23 2018

<b>Supplier:</b>	TWM001-VU TW Metals PO Box 933014 Atlanta, GA 31193-3014 USA Phone: 585 768 5600 Fax: 585 768 5601	<b>PO No:</b>	PO039971
<b>Ship To:</b>	1270 Aberdeen Street Hawkesbury ON K6A 1K7 Canada Phone: 613-632-5200	<b>PO Date:</b>	5/23/18
		<b>Due Date:</b>	6/7/18
		<b>Purchase Order Revision:</b>	
		<b>Revision Date:</b>	
		<b>Ship-To Contact:</b>	Lavoie, Chantal Phone: clavoie@dart.aero.com
		<b>Via:</b>	Ground
		<b>Pymt Terms:</b>	Net 30
		<b>Freight Terms:</b>	
		<b>Special Comments:</b>	

### Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	M304TS0.500W.049		Square Tubing : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH	Firmed	6/7/18	200 ft	0 ft	200 ft	\$1.60/ft	\$320.00
										JUN 05 2018
										Grand Total: \$320.00

### Order Notes

Procurement Quality Clauses  
 A005 right of entry  
 A012 chemical and physical test report  
 A016 personnel qualification  
 A017 raw material identification (as applicable)  
 A026 certification of material conformance  
 A041 quality management system  
 A042 dart notification by supplier  
 A043 retention of quality documents  
 A048 counterfeit parts avoidance, detection, mitigation and disposition program  
 A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dart aerospace.com](http://www.dart aerospace.com) for further explanation.

DAS  
11  
9-89

Plex 5/23/18 1:47 PM dart.lavoie.chantal



O'Neal High-Performance Metals Group

**Packing  
Slip**

ORDER NO.: 60657295 FROM: CRAN PAGE 1

CUST NUMBER: 1203820 NET WGT: 50.420 REQ. DATE: 06/07/18 CONFIRMED  
 SOLD TO: SHIP TO:  
 DART AEROSPACE LTD  
 1270 ABERDEEN ST  
 HAWKESBURY ON  
 CANADA CN K6A 1K7  
 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY SHIP BY: 05/31/18  
 TERMS: NET 30 DAYS VIA: COMMON CARRIER  
 F.O.B.: SHIPPING POINT FREIGHT: PREPAID  
 CUST. ORD. NO.: PO039971 RELEASE NO.:  
 RECEIVING PHONE:

LINE ITEM DESCRIPTION WIDTH LENGTH  
 0001 STOBE 304 SQ ASTM A554 .500 SQ X .049 240.0000

CLN#	ORD QTY	INVOICE QTY	SHIPPED QTY	WT
	200.000 FT	201.670 FT	201.670 FT	50.420

\*\* 1 TEST REPORTS REQUIRED \*\*  
 \*\* 1 CERTS REQUIRED \*\*

ECCN: 2B999.G Export License: NLR Expiration Date: 0/00/00  
 PO:60050884 HT:099D PC: 10 CUSTOMER QTY: 201.670 UOM FT  
 MLT:UNITED STATES MFG:UNITED STATES SLB/CL:01052394

BROKERS KUEHNE AND NAGEL LTD

		PACK INFO			WIDTH	LENGTH	HGHT
AREA	TYPE OF PKG	PKGS	GRS WEIGHT				
B	CARTON	1.000	105.000				

1.000 105.000

UNLOAD TYPE: NONE SPECIFIED

BY: KP  
RT 000-

DATE SHIPPED \_\_\_\_\_

1

DATE FILLED \_\_\_\_\_

**THANK YOU FOR THIS ORDER**

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE  
 PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL  
 REVIEW.  
<http://www.twmetals.com/invoice-terms.html>



**METALS**  
O'Neal High-Performance Metals Group



**Packing  
Slip**

ORDER NO.: 60657295      FROM: CRAN      PAGE 2

CUST NUMBER: 1203820	NET WGT:	50.420	REQ. DATE: 06/07/18	CONFIRMED
SOLD TO: DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON CANADA		SHIP TO: DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON ONTARIO CANADA		
CN K6A 1K7		CN K6A 1K7		
SALESPERSON:	DONNA SMALLEY	SHIP BY:	05/31/18	
TERMS:	NET 30 DAYS	27 ENGLEHARD DRIVE		
F.O.B.:	SHIPPING POINT	MONROE TWP	NJ 08831	
CUST ORD NO.:	PO039971			
VIA:	COMMON CARRIER			
FREIGHT:	PREPAID			
RELEASE NO.:				
RECEIVING PHONE:				

"TW Metals MSDS data is available on our web site at [www.twmetals.com](http://www.twmetals.com). MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

**"CERTIFICATE OF CONFORMANCE"**

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Electronically Generated Certificate-Valid without signature Date: 5/29/18

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

4050884

PHOENIX TUBE COMPANY, INC.  
Manufacturer of Stainless Ornamental and Structural Tubing

## CERTIFICATION OF TEST

Sold To: STAINLESS TUBULAR PRODUCTS  
27 ENGLEHARD DR

MONROE TOWNSHIP NJ 08831  
USA

CUSTOMER ORDER#: M 01052394

CUST REF NBR: 05029

DATE SHIPPED: 11/21/16

SIZE: 1/2SQ X 18 GA AW

SOURCE: USA

VENDOR: NAS

Ship To: STAINLESS TUBULAR PRODUCTS  
27 ENGLEHARD DR

MONROE TOWNSHIP NJ 08831  
USA

Phone# 8605666

Ext:

ORDER#: 411605

QTY SHIPPED: 3085.0

GRADE: 304L

HEAT#: 099D

WELD: HF

TEST REPORT#: TR013610

Report Date: 08/09/16

## Specification:

ASTMA554-15A

ASTMA240-16

AMS5511H/AMS5513J

T304L/304 DUAL CERTIFIED MT NO WELD REPAIR  
RAW MATERIAL SPEC. RoHS COMPLIANT  
UNS# 30400 / 30403 AISI 304L

EN 10204 2.2

NACE MR0175/MR0103

MERCURY IS NOT USED BY US AS AN ALLOYING MATERIAL NOR IS METALLIC MERCURY HANDLED IN THE VICINITY  
OF OUR PROCESSING LINES. MATERIAL IS FREE OF MERCURY CONTAMINATION.  
MFG USING ANNEALED AND PICKLED PLATE, SHEET, OR STRIP. MATERIAL IS FULL SOLUTION ANNEALED,  
AND SHOWS NO CONTINUOUS CARBID PRECIPITATION. MIN SOLUTION ANNEAL TEMP 1900F WATER QUENCHED

## Chemical Analysis

C	MN	P	S	SI	CR	NI	MO	CU	CO	N2	TI
.023	1.71	.023	.015	.24	18.22	8.03	.29	.30	NA	.07	NA

## Physical Analysis

Hardness	YIELD		TENSILE		OTHER	
	PSI	MPA	PSI	MPA	Percent EL	Percent RA
RB 84	44010	NA	93810	NA	53	NA

THE CHEMICAL ANALYSES ARE CORRECT AS CONTAINED IN OUR CORPORATE RECORDS.  
PHYSICAL PROPERTIES ARE DETERMINED WHILE MATERIAL IS IN STRIP FORM.

THIS MATERIAL INCLUDING THE BILLETS, WAS  
Melted & MFG In USA DFARS 252.226 Subsection Compliant, FAR BAA, DFAR BAA, FAR TAA Complies

CERTIFIED BY Inventory Control Dept.

Jane Lerner

1185 WIN DR, BETHLEHEM, PA., 18017 - (610) 865-5337  
FAX NUMBER: 610-865-4073



# PHOENIX TUBE COMPANY, INC.

Manufacturer of Stainless Ornamental and Structural Tubing

## CERTIFICATION OF TEST

Sold To: STAINLESS TUBULAR PRODUCTS  
27 ENGLEHARD DR

MONROE TOWNSHIP NJ 08831  
USA

CUSTOMER ORDER#: M 01052394

CUST REF NBR: 05029

DATE SHIPPED: 11/21/16

SIZE: 1/2SQ X 18 GA AW

SOURCE: USA

VENDOR: NAS

Ship To: STAINLESS TUBULAR PRODUCTS  
27 ENGLEHARD DR

MONROE TOWNSHIP NJ 08831  
USA

Phone# 8805666 Ext:

ORDER#: 411605

QTY SHIPPED: 3085.0

GRADE: 304L WELD: HF

HEAT#: 099D

TEST REPORT#: TR013610

Specification:

Report Date: 08/09/16

ASTM A554-15A

T304L/304 DUAL CERTIFIED MT NO WELD REPAIR

EN 10204 2.2

ASTM A240-16

RAW MATERIAL SPEC. RoHS COMPLIANT

NACE MR0175/MR0103

AMS5511H/AMS5513J

UNS# 30400 / 30403

AISI 304L

MERCURY IS NOT USED BY US AS AN ALLOYING MATERIAL NOR IS METALLIC MERCURY HANDLED IN THE VICINITY OF OUR PROCESSING LINES. MATERIAL IS FREE OF MERCURY CONTAMINATION.

MFG USING ANNEALED AND PICKLED PLATE, SHEET, OR STRIP. MATERIAL IS FULL SOLUTION ANNEALED, AND SHOWS NO CONTINUOUS CARBID PRECIPITATION. MIN SOLUTION ANNEAL TEMP 1900F WATER QUENCHED

### Chemical Analysis

C	MN	P	S	SI	CR	NI	MO	CU	CO	N2	TI
.023	1.71	.023	.015	.24	18.22	8.03	.29	.30	NA	.07	NA

### Physical Analysis

Hardness	YIELD		TENSILE		OTHER	
	PSI	MPA	PSI	MPA	Percent EL	Percent RA
RB 84	44010	NA	93810	NA	53	NA

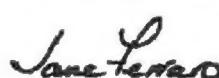
THE CHEMICAL ANALYSES ARE CORRECT AS CONTAINED IN OUR CORPORATE RECORDS.

PHYSICAL PROPERTIES ARE DETERMINED WHILE MATERIAL IS IN STRIP FORM.

THIS MATERIAL INCLUDING THE BILLETS, WAS

Melted & MFG in USA DFARS 252.225 Subsection Compliant, FAR BAA, DFAR BAA, FAR TAA Complies

CERTIFIED BY Inventory Control Dept.



1185 WIN DR, BETHLEHEM, PA., 18017 - (610) 865-5337

FAX NUMBER: 610-865-4073

## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304T50.500W.049  
 DATE: JUN 05 2018

PO / BATCH NO.: 0399715078000

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 201  
 QUANTITY INSPECTED: 201  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: W.049  
 THICKNESS RECEIVED: W.049  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	( <u>N</u> )	
CORRECT FINISH	( <u>Y</u> )	( <u>N</u> )	
CORROSION	Y	( <u>N</u> )	
CORRECT GRAIN DIRECTION	( <u>Y</u> )	N	
CORRECT MATERIAL PER M-DRAWING	( <u>Y</u> )	N	<i>Astm A554</i>
CORRECT THICKNESS	( <u>Y</u> )	N	
PHOTO REQUIRED	Y	( <u>N</u> )	
CORRECT REF # TO LINK CERT	( <u>Y</u> )	N	<i>Hast#099D</i>
CORRECT MATERIAL IDENTIFICATION	( <u>Y</u> )	N	
CORRECT M# ON THE MATERIAL	( <u>Y</u> )	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	( <u>N</u> )	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	( <u>N</u> )	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

*testers located in the Quality Office*

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> DATE: <u>11 JUN 05 2018</u> <u>8-09</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

PURCHASE MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBING

FINISH:

ASTM A554 MILL FINISH  
OR  
ASTM A259 MILL FINISH

WHERE:

A.AAA = WIDTH IN INCHES

.TTT = WALL THICKNESS IN INCHES

PART NUMBER:

M304TS | A.AAA | W | TTT  
| WIDTH | | WALL |

E.G. 0.75" X 0.75" X 0.049 WALL = M304TS0.75W.049

△  
D

RELEASED  
2014-05-26  
M4

REV.	DESCRIPTION	BY	DATE
DS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA		
DRAWN	DB		
CHEKED	M304TS	D	14.05.20
MFG. APPR.		REV. D	
APPROVED		SHEET 1 OF 1	
DE APPR.		SCALE	
DATE	14.05.20	NONE	

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8 7 6 5 4 3 2 1

C  
B  
A  
D